

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3713	(451/285-289).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/27 12:31
L2	4127	(451/41).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/27 12:31
L3	524	(451/388).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/27 12:32
L4	1520	(451/397,398).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/27 12:32
L5	3719	(438/691-693).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/27 12:32
L6	151	1 and chamber with third	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 13:35
L7	89	2 and chamber with third	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 13:37
L8	32	3 and chamber with third	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 13:37
L9	66	4 and chamber with third	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 13:38
L10	49	5 and chamber with third	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 13:38
L11	5	("6648740").URPN.	USPAT	OR	ON	2007/10/27 14:05

## EAST Search History

L12	18	("20030003848"   "20040127142"   "4466852"   "4519846"   "5329732"   "5738574"   "5762543"   "5934984"   "5947802"   "6050884"   "6074275"   "6102777"   "6131589"   "6196896"   "6402598"   "6537143"   "6629883"   "6716086").PN. OR ("7044832").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/27 14:09
L13	11	12 and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:16
L14	286	1 and retain\$3 with ring and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:20
L15	1	1 and retain\$3 with ring and nozzle and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:20
L16	0	2 and retain\$3 with ring and nozzle and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:20
L17	0	3 and retain\$3 with ring and nozzle and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:20
L18	0	4 and retain\$3 with ring and nozzle and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:20
L19	0	5 and retain\$3 with ring and nozzle and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:20
L20	0	1 and port and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:21
L21	0	2 and port and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:21
L22	0	3 and port and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:21

## EAST Search History

L23	0	4 and port and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:21
L24	1	5 and port and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:22
L25	0	5 and de-chuck\$3 and pressurized with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:22
L26	0	1 and de-chuck\$3 and pressurized with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:22
L27	1	2 and de-chuck\$3 and pressurized with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:23
L28	0	3 and de-chuck\$3 and pressurized with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:23
L29	0	4 and de-chuck\$3 and pressurized with fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:23
L30	2	1 and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:23
L31	3	2 and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:24
L32	1	3 and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:24
L33	1	4 and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:24
L34	9	5 and de-chuck\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/10/27 14:24